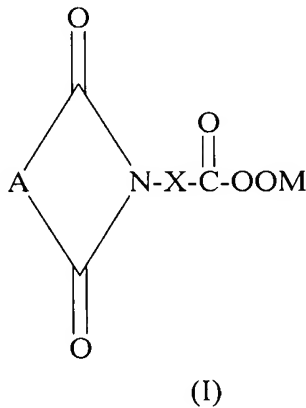


IN THE CLAIMS

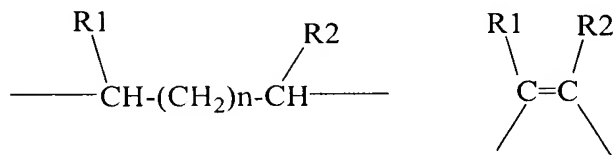
Please amend the claims as follows:

Claim 1 (Currently Amended): ~~A liquid formulation~~ Liquid formulations of imidoalkanepercarboxylic acids ~~acid~~ acid in the form of an aqueous dispersion ~~dispersions~~ comprising water and, in percentages by weight relative to the total weight of the dispersion composition:

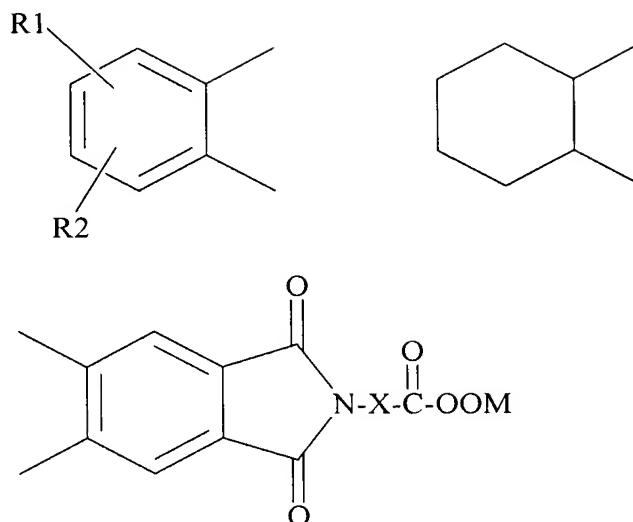
- A) from 7% to 40% of at least one imidoalkanepercarboxylic acids acid in the β -crystal form having the general formula (I)



in which A is selected from the following group ~~consisting essentially of~~



((or))



in which:

n is an integer 0, 1 or 2,

R1 is hydrogen, chlorine, bromine, C₁-C₂₀ alkyl, C₂-C₂₀ alkenyl, aryl or alkylaryl,

R2 is hydrogen, chlorine, bromine, ~~or selected from the group consisting essentially of -SO₃M, -CO₂M, -CO₃M and or -OSO₃M,~~

M is hydrogen, an alkali metal, ammonium or an equivalent of an alkaline-earth metal,

X is a C₁-C₁₉ alkylene or an arylene; and

~~the said acids being in the β crystal form;~~

B) from ~~0.001% to 0.9%~~ 0.005% - 0.3% of a nonionic surfactant;

~~the difference to 100% comprising water and of other additives for detergent formulations;~~

wherein

the dispersion has ~~said dispersions having~~ a viscosity of not more than 2000 mPa.sec at 25°C ~~by~~ when applying a shear rate of 20 s⁻¹;

~~in which~~ the dissolution time of ~~the~~ component A), determined by testing the rate of dissolution at a temperature of 40°C or 18°C, is not more than 5 minutes when determined at 40°C or 15 minutes when determined at 18°C, for an amount of dissolved acid equal to 99% of the theoretical amount; and

the dispersion has ~~said dispersions in the test of stability at 40°C for seven days~~ having variations in viscosity of not more than 300 mPa.sec in the test of stability at 40°C for seven days.

Claim 2 (Currently Amended): The formulation according to Claim 1 prepared by grinding crystals of imidoalkanepercarboxylic acids in α form dispersed in an excess of water, in the presence of [[a]] the nonionic surfactant; and cooling the liquid dispersion to a temperature below 30°C.

Claim 3 (Currently Amended): The formulation according to Claim 1, wherein in the test of stability at 40°C for seven days, the at least one imidoalkanepercarboxylic ~~acids~~ acid, component A), show a loss of peroxide oxygen content of not more than 2% relative to the initial titre.

Claim 4 (Currently Amended): The formulation according to Claim 1, wherein the at least one imidoalkanepercarboxylic ~~acids~~ acid, component A), form stable solid α -crystals, and are converted into stable crystals of the β -crystal form, in aqueous medium, the crystals of β -crystal form having average dimensions of less than 30 microns, wherein the α -crystal form, relative to the β -crystal form has a different x-ray spectral image and a shift of the absorption in the region 1697-1707 cm^{-1} in surface infrared spectroscopy towards higher frequencies, of the order of 8-10 cm^{-1} .

Claim 5 (Currently Amended): The formulation according to Claim 1, wherein the nonionic surfactant is selected from the group consisting ~~essentially~~ of ethoxylated, polyethoxylated, propoxylated or polypropoxylated nonionic surfactants or surfactants containing one or more propoxy repeating units and one or more ethoxy units.

Claim 6 (Previously Presented): The formulation according to Claim 5, wherein the polyethoxylated or polypropoxylated nonionic surfactants have a number of ethoxy or propoxy repeating groups of less than or equal to 15; the nonionic surfactants containing propoxy and ethoxy units have a number of ethoxy groups of not more than 10 and a number of propoxy units of not more than 2.

Claim 7 (Previously Presented): The formulation according to Claim 6, wherein the surfactants are ethoxylated surfactants.

Claim 8 (Currently Amended): The formulation according to Claim 1, further comprising one or more detergent or disinfecting additives ~~for detergent and disinfecting formulations~~, dissolved in aqueous solution and/or dispersed in the suspension together with the at least one imidoalkanepercarboxylic acids acid, component A).

Claim 9 (Currently Amended): The formulation according to Claim 8, further comprising at least one additive ~~wherein the additives are~~ selected from the group consisting of paraffins, phosphonic acids, hydroxylated carboxylic acids, dicarboxylic acids, co-adjuvants, phthalic acids, adipic acid, and mixtures thereof.

Claim 10 (Withdrawn; Currently Amended): A process for obtaining the formulation of Claim 1, comprising:

- grinding at a temperature of from 40°C to 65°C crystals of at least one imidoalkanepercarboxylic acids acid in α form dispersed in an excess of water, the said excess being at least 2 parts by weight of water/1 part by weight of percarboxylic acid, in the presence of [[a]] said nonionic surfactant to form a liquid dispersion;
- cooling the liquid dispersion to a temperature below 30°C and optionally adding one or more viscosifying additives.

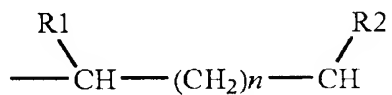
Claim 11 (Withdrawn): The process according to Claim 10, wherein the cooling occurs at a temperature not less than 4°C.

Claim 12 (Cancelled)

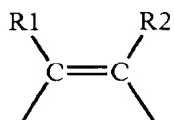
Claim 13 (Currently Amended): The formulation according to Claim 1, ~~wherein the imidoalkaneperoxyacetic acid is~~ comprising ϵ -phthalimidoperoxyhexanoic acid.

Claim 14 (Withdrawn; Currently Amended): The ~~method~~ process of Claim 10 ~~[[12]]~~, ~~wherein the component A) of the formulation is~~ comprising grinding ϵ -phthalimidoperoxyhexanoic acid.

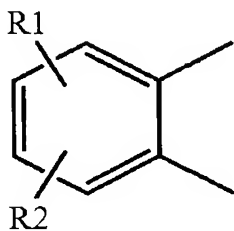
Claim 15 (New): The formulation according to Claim 1, wherein A is:



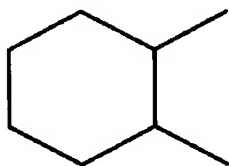
Claim 16 (New): The formulation according to Claim 1, wherein A is:



Claim 17 (New): The formulation according to Claim 1, wherein A is:



Claim 18 (New): The formulation according to Claim 1, wherein A is:



Claim 19 (New): The formulation according to Claim 1, wherein A is:

